

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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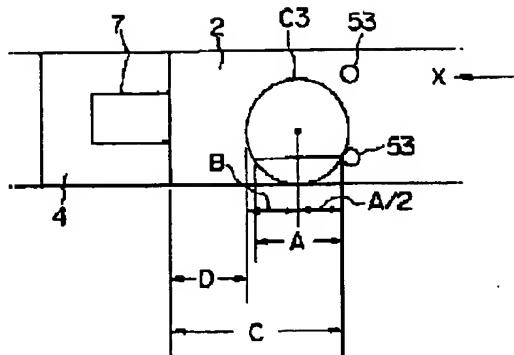
APPLICATION DATE : 02-12-91  
APPLICATION NUMBER : 03318217

APPLICANT : LAUREL BANK MACH CO LTD;

INVENTOR : KIMOTO TOYOKI;

INT.CL. : G07D 3/16 G07F 1/04

TITLE : COIN SELECTION CONTROL DEVICE



ABSTRACT : PURPOSE: To surely distribute a coin into a storage port by driving a distribution gate mechanism when the coin is moved only by a prescribed distance.

CONSTITUTION: This coin selection control device has a carrying belt for carrying each coin C3 along a coin passage 2 and a distribution gate 7 for selectively distributing the coin C3 sent along the passage 2 to the storage part 4 and arranges a coin discrimination part and a pair of timing sensors 53 on positions along the passage 2 on the upstream of the storage part 4. The tip position of the coin C3 is detected based upon a light shielding pulse signal outputted from the sensor 53 during the passage of the coin C3, a distance D from the tip position up to the gate 7 is found out, and when the coin C3 is moved only by the distance D, the gate 7 is driven. Even when the coin C3 is shifted in the width direction of the carrier like a conventional case, the distribution timing of the coin C3 by the gate 7 can be prevented from being delayed.

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